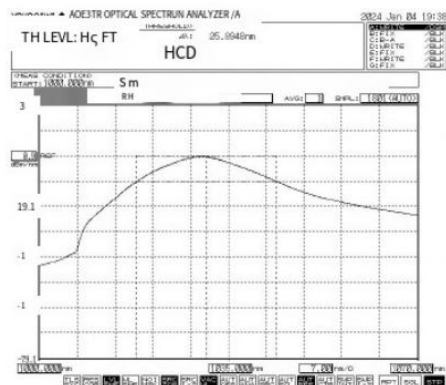


1030nm ASE Broadband Light Source

The 1030nm band ASE broadband light source is based on ytterbium-doped fiber and semiconductor pump laser, with a spectral coverage of 1030nm wavelength. It features a high output power and a low polarization extinction ratio of 0.2dB. It can be used in fiber device testing, FBG grating production, etc.



Features

- Flat spectrum
- Adjustable power
- High stability output power

Application

- Optical fiber sensing
- Medical imaging
- Optical fiber device testing

Optical indicators	unit	Typical value					Note
Central wavelength	nm	1030±2					
Spectral range	nm	1018~1044nm					@10dB
Output optical power	mW	10	20	30	50	100	
Power regulation range(optional function)	-	10%to 100%					Power adjustable
Output port isolation degree	dB	>35					
Short-term stability(15 minutes)	dB	±0.02 or less					Equivalent≤±0.5%
Long-term stability(8 hours)	dB	±0.05 or less					Equivalent≤±1.2%
Polarization extinction ratio(PER)	dB	≤0.2		≥23			
Optical fibers and connectors	-	Hi1060		PM980			FC/APC

Electrical and environmental parameters	Desktop	Module
Control mode	Key input/RS232 serial communication	RS232 serial communication
Communication interface	DB9 Female	DB9 Female
Power su	100~240V AC,<30W	5V DC,<15W
Pply Size	260(W)×280(D)×120(H)mm	125(W)×150(D)×20(H)mm
Operating temperature range	-5~+35℃	
Working humidity range	0 to 70%	

Ordering Information/Model

ASE	wavelength	Output power(mW)	Adjustable power (optional)	Output pigtail type	Encapsulation form
	1030	20	*T	SM=Hi-1060 PM=PM980	B=desktop M=module